

ABSTRACT

The object of the invention is to provide novel DNA, a gene containing the DNA, novel polypeptide encoded by the DNA, a
5 recombinant protein containing the polypeptide, or an antibody against the polypeptide, which is useful for development and screening of prophylactic, therapeutic and diagnostic drug for angiogenesis and conservation of functions in various organs, angiogenesis at the time of tumor and regeneration of various
10 organs, proliferation, differentiation and preservation of function of the cells in various organs, aging, and dysfunction.

Means to solve the problem

A DNA comprising a base sequence encoding one of the
15 following polypeptide (a) or (b):

- (a) a polypeptide comprising the full length or a part of an amino acid sequence which is the same or substantially the same as an amino acid sequence represented by SEQ ID NO:1, SEQ ID NO:15 or SEQ ID NO:18, and
- 20 (b) a polypeptide comprising an amino acid sequence derived from an amino acid sequence represented by SEQ ID NO:1, SEQ ID NO:15 or SEQ ID NO:18 by deletion, substitution or addition of a part of the amino acids and having a biological activity substantially equivalent to the polypeptide (a).

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